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Sequence Listing was accepted.

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Reviewer: Anne Corrigan

Timestamp: Thu May 03 14:46:20 EDT 2007

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Application No: 10585464

Version No: 1.1

Input Set:

Output Set:

Started: 2007-05-03 14:46:12.425

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Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 97 ms

Total Warnings: 0

Total Errors: 0

No. of SeqIDs Defined: 1

Actual SeqID Count: 1

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SEQUENCE LISTING

<110> Moses, Marsha A.
Roy, Roopali

<120> METHODS FOR DIAGNOSIS AND PROGNOSIS OF CANCERS OF
EPITHELIAL ORIGIN

<130> CMC-011

<140> 10585464

<141> 2006-07-07

<150> PCT/US05/00714

<151> 2005-01-10

<150> 60/535,306

<151> 2004-01-09

<160> 1

<170> PatentIn Ver. 3.3

<210> 1

<211> 909

<212> PRT

<213> Homo sapiens

<400> 1

Met Ala Ala Arg Pro Leu Pro Val Ser Pro Ala Arg Ala Leu Leu Leu
1 5 10 15

Ala Leu Ala Gly Ala Leu Leu Ala Pro Cys Glu Ala Arg Gly Val Ser
20 25 30

Leu Trp Asn Gln Gly Arg Ala Asp Glu Val Val Ser Ala Ser Val Arg
35 40 45

Ser Gly Asp Leu Trp Ile Pro Val Lys Ser Phe Asp Ser Lys Asn His
50 55 60

Pro Glu Val Leu Asn Ile Arg Leu Gln Arg Glu Ser Lys Glu Leu Ile
65 70 75 80

Ile Asn Leu Glu Arg Asn Glu Gly Leu Ile Ala Ser Ser Phe Thr Glu
85 90 95

Thr His Tyr Leu Gln Asp Gly Thr Asp Val Ser Leu Ala Arg Asn Tyr
100 105 110

Thr Val Ile Leu Gly His Cys Tyr Tyr His Gly His Val Arg Gly Tyr
115 120 125

Ser Asp Ser Ala Val Ser Leu Ser Thr Cys Ser Gly Leu Arg Gly Leu
130 135 140

Ile Val Phe Glu Asn Glu Ser Tyr Val Leu Glu Pro Met Lys Ser Ala

| | | | | | | |
|---|-----|-----|-----|-----|-----|-----|
| 145 | | 150 | | 155 | | 160 |
| Thr Asn Arg Tyr Lys Leu Phe Pro Ala Lys Lys Leu Lys Ser Val Arg | | | | | | |
| | 165 | | 170 | | 175 | |
| Gly Ser Cys Gly Ser His His Asn Thr Pro Asn Leu Ala Ala Lys Asn | | | | | | |
| | 180 | | 185 | | 190 | |
| Val Phe Pro Pro Pro Ser Gln Thr Trp Ala Arg Arg His Lys Arg Glu | | | | | | |
| | 195 | | 200 | | 205 | |
| Thr Leu Lys Ala Thr Lys Tyr Val Glu Leu Val Ile Val Ala Asp Asn | | | | | | |
| | 210 | | 215 | | 220 | |
| Arg Glu Phe Gln Arg Gln Gly Lys Asp Leu Glu Lys Val Lys Gln Arg | | | | | | |
| 225 | | 230 | | 235 | | 240 |
| Leu Ile Glu Ile Ala Asn His Val Asp Lys Phe Tyr Arg Pro Leu Asn | | | | | | |
| | 245 | | 250 | | 255 | |
| Ile Arg Ile Val Leu Val Gly Val Glu Val Trp Asn Asp Met Asp Lys | | | | | | |
| | 260 | | 265 | | 270 | |
| Cys Ser Val Ser Gln Asp Pro Phe Thr Ser Leu His Glu Phe Leu Asp | | | | | | |
| | 275 | | 280 | | 285 | |
| Trp Arg Lys Met Lys Leu Leu Pro Arg Lys Ser His Asp Asn Ala Gln | | | | | | |
| | 290 | | 295 | | 300 | |
| Leu Val Ser Gly Val Tyr Phe Gln Gly Thr Thr Ile Gly Met Ala Pro | | | | | | |
| 305 | | 310 | | 315 | | 320 |
| Ile Met Ser Met Cys Thr Ala Asp Gln Ser Gly Gly Ile Val Met Asp | | | | | | |
| | 325 | | 330 | | 335 | |
| His Ser Asp Asn Pro Leu Gly Ala Ala Val Thr Leu Ala His Glu Leu | | | | | | |
| | 340 | | 345 | | 350 | |
| Gly His Asn Phe Gly Met Asn His Asp Thr Leu Asp Arg Gly Cys Ser | | | | | | |
| | 355 | | 360 | | 365 | |
| Cys Gln Met Ala Val Glu Lys Gly Gly Cys Ile Met Asn Ala Ser Thr | | | | | | |
| | 370 | | 375 | | 380 | |
| Gly Tyr Pro Phe Pro Met Val Phe Ser Ser Cys Ser Arg Lys Asp Leu | | | | | | |
| 385 | | 390 | | 395 | | 400 |
| Glu Thr Ser Leu Glu Lys Gly Met Gly Val Cys Leu Phe Asn Leu Pro | | | | | | |
| | 405 | | 410 | | 415 | |
| Glu Val Arg Glu Ser Phe Gly Gly Gln Lys Cys Gly Asn Arg Phe Val | | | | | | |
| | 420 | | 425 | | 430 | |
| Glu Glu Gly Glu Glu Cys Asp Cys Gly Glu Pro Glu Glu Cys Met Asn | | | | | | |
| | 435 | | 440 | | 445 | |
| Arg Cys Cys Asn Ala Thr Thr Cys Thr Leu Lys Pro Asp Ala Val Cys | | | | | | |

| | | | | | |
|---|-----|-----|-----|-----|-----|
| 450 | | 455 | | 460 | |
| Ala His Gly Leu Cys Cys Glu Asp Cys Gln Leu Lys Pro Ala Gly Thr | | | | | |
| 465 | | 470 | | 475 | 480 |
| Ala Cys Arg Asp Ser Ser Asn Ser Cys Asp Leu Pro Glu Phe Cys Thr | | | | | |
| | 485 | | 490 | | 495 |
| Gly Ala Ser Pro His Cys Pro Ala Asn Val Tyr Leu His Asp Gly His | | | | | |
| | 500 | | 505 | | 510 |
| Ser Cys Gln Asp Val Asp Gly Tyr Cys Tyr Asn Gly Ile Cys Gln Thr | | | | | |
| | 515 | | 520 | | 525 |
| His Glu Gln Gln Cys Val Thr Leu Trp Gly Pro Gly Ala Lys Pro Ala | | | | | |
| | 530 | | 535 | | 540 |
| Pro Gly Ile Cys Phe Glu Arg Val Asn Ser Ala Gly Asp Pro Tyr Gly | | | | | |
| 545 | | 550 | | 555 | 560 |
| Asn Cys Gly Lys Val Ser Lys Ser Ser Phe Ala Lys Cys Glu Met Arg | | | | | |
| | 565 | | 570 | | 575 |
| Asp Ala Lys Cys Gly Lys Ile Gln Cys Gln Gly Gly Ala Ser Arg Pro | | | | | |
| | 580 | | 585 | | 590 |
| Val Ile Gly Thr Asn Ala Val Ser Ile Glu Thr Asn Ile Pro Leu Gln | | | | | |
| | 595 | | 600 | | 605 |
| Gln Gly Gly Arg Ile Leu Cys Arg Gly Thr His Val Tyr Leu Gly Asp | | | | | |
| | 610 | | 615 | | 620 |
| Asp Met Pro Asp Pro Gly Leu Val Leu Ala Gly Thr Lys Cys Ala Asp | | | | | |
| 625 | | 630 | | 635 | 640 |
| Gly Lys Ile Cys Leu Asn Arg Gln Cys Gln Asn Ile Ser Val Phe Gly | | | | | |
| | 645 | | 650 | | 655 |
| Val His Glu Cys Ala Met Gln Cys His Gly Arg Gly Val Cys Asn Asn | | | | | |
| | 660 | | 665 | | 670 |
| Arg Lys Asn Cys His Cys Glu Ala His Trp Ala Pro Pro Phe Cys Asp | | | | | |
| | 675 | | 680 | | 685 |
| Lys Phe Gly Phe Gly Gly Ser Thr Asp Ser Gly Pro Ile Arg Gln Ala | | | | | |
| | 690 | | 695 | | 700 |
| Asp Asn Gln Gly Leu Thr Ile Gly Ile Leu Val Thr Ile Leu Cys Leu | | | | | |
| 705 | | 710 | | 715 | 720 |
| Leu Ala Ala Gly Phe Val Val Tyr Leu Lys Arg Lys Thr Leu Ile Arg | | | | | |
| | 725 | | 730 | | 735 |
| Leu Leu Phe Thr Asn Lys Lys Thr Thr Ile Glu Lys Leu Arg Cys Val | | | | | |
| | 740 | | 745 | | 750 |
| Arg Pro Ser Arg Pro Pro Arg Gly Phe Gln Pro Cys Gln Ala His Leu | | | | | |

755

760

765

Gly His Leu Gly Lys Gly Leu Met Arg Lys Pro Pro Asp Ser Tyr Pro
770 775 780

Pro Lys Asp Asn Pro Arg Arg Leu Leu Gln Cys Gln Asn Val Asp Ile
785 790 795 800

Ser Arg Pro Leu Asn Gly Leu Asn Val Pro Gln Pro Gln Ser Thr Gln
805 810 815

Arg Val Leu Pro Pro Leu His Arg Ala Pro Arg Ala Pro Ser Val Pro
820 825 830

Ala Arg Pro Leu Pro Ala Lys Pro Ala Leu Arg Gln Ala Gln Gly Thr
835 840 845

Cys Lys Pro Asn Pro Pro Gln Lys Pro Leu Pro Ala Asp Pro Leu Ala
850 855 860

Arg Thr Thr Arg Leu Thr His Ala Leu Ala Arg Thr Pro Gly Gln Trp
865 870 875 880

Glu Thr Gly Leu Arg Leu Ala Pro Leu Arg Pro Ala Pro Gln Tyr Pro
885 890 895

His Gln Val Pro Arg Ser Thr His Thr Ala Tyr Ile Lys
900 905